Sl. No.	Name of the project proponent/State	Installed capacity (MW)	Date of receipt of DPR in CEA
11.	Vembar CCGT (M/s India Power Projects Ltd.) Tamil Nadu	2000	2/97
12.	Pithampur DG Plant (M/s Shapoorji Pallonji Power Co. Ltd.), Madhya Pradesh	120	2/97
13.	Raigarh TPS (M/s Jindal Power Ltd.) Madhya Pradesh	550	2/97
14.	Vemagiri CCPP (M/s Ispat Industries Ltd.) Andhra Pradesh	468	2/97

Capacity of Dabhol Power Project

2026. SHRI DIPANKER MUKHERJEE:
SHRI NILOTPAL BASU:

Will the PRIME MINISTER be pleased to refer to answer to Unstarred Question 2980 given in the Rajya Sabha on the 19th December, 1996 and state:

(a) the original ISO capacity of Dabhol Power Project;

(b) whether the capacity was specified for site condition;

(c) the permissible auxiliary consumption as per CEA norms; and

(d) the auxiliary consumption of original and renegotiated project?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) and (b) The original gross capacity of Dabhol Power Project as indicated by M/s. Dabhol Power Company Ltd. was 2249 MW at ISO condition. As against this, the net capacity at site was indicated as 2015 MW.

(c) The permissible auxiliary consumption as per CEA norms and also specified in the tariff notification dated 30.2.1992 is 3% for combined cycle power plants based on gas and naphtha.

(d) the auxiliary power consumption of original and renegotiated Dabhol TPP works out to about 2% after adjustment in deration of capacity at the site conditions.

Frequency Fluctuation in Different Grids

2027. SHRI DIPANKAR MUKHERJEE:
SHRI NILOTPAL BASU:

Will the PRIME MINISTER be pleased to state:

(a) the average percentage of time of the day during which the frequency remained above 50.5 HZ during 1995-96 and 1996-97, till December, 1996 in North, South, West and East Zone Grids;

(b) the energy lost on this account;

(c) the average percentage of time of the dav when frequency remained healthy i.e. 48.5 HZ to 50 HZ during 1994-95, 1995-96 and 1996-97 till December, 1996; and

(d) the average annual O & M expenditure of RLDCs during the same period?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI): (a) The average percentage of the time of the day during

the year 1995-96, 1996-97 (upto December, 1996) during which the frequency remained above 50.5 Hz are as given below:

Year	Northern Region	Western Region	Southern Region	Eastern Reagion
1995-96	23.4	13.88	0.44	35.85
1996-97 (till Dec., 96)	16.8	10.02	3.60	46.65

(b) The estimated loss of energy by virtue of excess generation is as below:

(Figures in MU)

Year	Northern Region	Western Region	Southern Region	Eastern Reagion
1995-96	266.27	250.0	8.80	678.34
1996-97 (till Dec., 96)	149.30	120.0	40.39	980.77

(c) The Normal operation of frequency is 49.8 to 50.2 Hz. Therefore, the average percentage of the time of the day when the frequency remained 48.5 Hz to 50.2 Hz. (in place of 48.5 to 50 Hz.) for the years 1994-95, 1995-96 and 1996-97 (upto Dec., 96) is given below:

Year	Northern Region	Western Region	Southern Region	Eastern Reagion
1994-95	61.8	60.25	28.93	11.1
1995-96	57.6	64.09	5.38	13.76
1996-97 (till Dec., 96)	55.0	61.66	22.34	9.32

(d) The information is being collected and will be laid on the Table of the House.

Requirement and Generation of Power

2028. SHRI RAMJI LAL:
SHRI AKHILESH DAS:

Will the PRIME MINISTER be pleased to state:

(a) what has been the total requirement and actual generation of power in the country, year-wise from 1994-95 till date;

(b) what has been the short fall in quantity and percentage, year-wise during the same period;

(c) whether massive external assistance is necessary to overcome the power shortage; and

(d) if so, what are the details in this regard?